

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
21 October 2004 (21.10.2004)

PCT

(10) International Publication Number  
**WO 2004/089558 A2**

(51) International Patent Classification<sup>7</sup>: **B07B 1/46**

(21) International Application Number:  
PCT/GB2004/001527

(22) International Filing Date: 7 April 2004 (07.04.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0308475.3 12 April 2003 (12.04.2003) GB

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

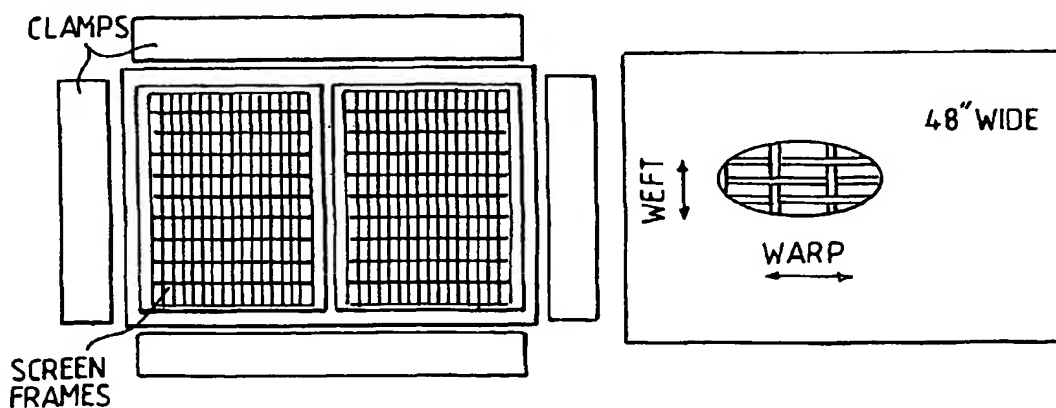
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **FILTERING SCREEN**



(57) Abstract: A screen is described for use in a vibrating machine for separating solids from liquid material, comprising woven wire cloth of orthogonal warp and weft wires, tensioned and bonded to a support structure defining at least one rectangular opening across which the cloth extends. The orientation of the cloth is chosen so that the warp wires extend across the width (i.e. shorter dimension) of the or each opening. A method of manufacturing two screens side by side in a jig involves laying a length of woven wire cloth across two rectangular frames laid side by side in the jig with longer edges thereof abutting, and orientating the cloth so that the warp wires extend continuously across the two screens. The cloth is bonded to the frames after which it is severed along the join and surplus cloth is trimmed away from the edges of the frame. If the cloth has a square mesh and the warp wires are of greater cross section than the weft wires, the warp wires will extend across the width of the frame, and if the cloth has a rectangular mesh, the greater number of warp wires per unit length will also extend across the width of the frame, so that in each case warp wires will resist in use the stresses across the width of the central region of the or each opening.